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	Document ID	Title	Current OR	Current XRef	Inventor
1	US 20040041096 A1	Method and apparatus for detecting normal cracks using infrared thermal imaging	250/341.6		Sun, Jiangang G. et al.
2	US 20040017880 A1	Method and system for low dose image simulation for imaging systems	378/4	378/8	Toth, Thomas Louis et al.
3	US 20040017575 A1	Optimized model and parameter selection for optical metrology	356/625		Balasubramanian, Raghu et al.
4	US 20040017574 A1	Model and parameter selection for optical metrology	356/625		Vuong, Vi et al.
5	US 20040015737 A1	Method and apparatus for automated signal integrity checking based on storage device functionality	714/26		Martin, Robert J. et al.
6	US 20030233371 A1	Preview function in a digital data preservation system	707/104.1		Abhyankar, Vishwas G. et al.
7	US 20030174349 A1	Preview function in a digital data preservation system	358/1.9	358/1.16; 358/403; 358/444; 707/104.1;	Abhyankar, Vishwas G. et al.
8	US 20030125919 A1	Circuit modeling using topologically equivalent models	703/14		Chikamichi, Shoichi
9	US 20030096649 A1	Billiard game input device, billiard game system, game input device, and computer program	463/36		Hamano, Takashi et al.
10	US 20030083784 A1	Robot-arm telemanipulating system presenting auditory information	700/245		Nagai, Yasufumi et al.
11	US 20030076992 A1	Neural network based element, image pre-processor, and method of pre-processing using a neural network	382/156	706/15	Banish, Michele R. et al.
12	US 20030041110 A1	System, Method and Structure for generating and using a compressed digital certificate	709/206	718/102	Wenocur, Michael L. et al.
13	US 20030030809 A1	System and method for enabling simultaneous calibration and imaging of a medium	356/432		Boas, David A. et al.
14	US 20030026493 A1	Parallel object-oriented, denoising system using wavelet multiresolution analysis	382/260	382/275; 382/276	Kamath, Chandrika et al.
15	US 20030018457 A1	Biological modeling utilizing image data	703/11		Lett, Gregory Scott et al.
16	US 20030016884 A1	Video enhancement using multiple frame techniques	382/299		Altunbasak, Yucel et al.
17	US 20030009694 A1	Hardware architecture, operating system and network transport neutral system, method and computer program product for secure communications and messaging	713/201	713/151; 713/176	Wenocur, Michael L. et al.

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18	US 20030007687 A1	Correction of "red-eye" effects in images	382/167		Nesterov, Victor Anatol'apov, e vich et al.
19	US 20030001098 A1	High resolution photon emission computed tomographic imaging tool	250/363.04	250/363.1	Stoddart, Hugh A. et al.
20	US 20020199096 A1	System and method for secure unidirectional messaging	713/153		Wenocur, Michael L. et al.
21	US 20020199001 A1	System and method for conducting a secure response communication session	709/227	709/237; 713/200	Wenocur, Michael L. et al.
22	US 20020196935 A1	Common security protocol structure and mechanism and system and method for using	380/37	380/28	Wenocur, Michael L. et al.
23	US 20020194501 A1	System and method for conducting a secure interactive communication session	713/201	713/150	Wenocur, Michael L. et al.
24	US 20020194483 A1	System and method for authorization of access to a resource	713/185		Wenocur, Michael L. et al.
25	US 20020190212 A1	Indirect mode imaging	250/341.1	600/425	Boas, David Alan et al.
26	US 20020186418 A1	Method of determining threshold array for generating gradation image	358/3.14	358/3.17; 358/3.2; 358/3.2	Inoue, Yoshiaki
27	US 20020178360 A1	System and method for communicating a secure unidirectional response message	713/170		Wenocur, Michael L. et al.
28	US 20020165912 A1	Secure certificate and system and method for issuing and using same	709/203		Wenocur, Michael L. et al.
29	US 20020163670 A1	Image processing method and apparatus, and recording medium	358/3.27	358/521	Takahira, Masayuki
30	US 20020154727 A1	SYSTEM AND METHOD FOR FAST PARALLEL CONE-BEAM RECONSTRUCTION USING ONE OR MORE MICROPROCESSORS	378/4	378/901	Ning, Ruola
31	US 20020143249 A1	Application specific emission and transmission tomography	600/425		Tornai, Martin P. et al.
32	US 20020136133 A1	Superresolution in periodic data storage media	369/53.33	369/103; 369/59.	Kraemer, Darren et al.
33	US 20020051570 A1	Apparatus and method of determining image processing parameter, and recording medium recording a program for the same	382/181		Inagaki, Daisuke

	Document ID	Title	Current OR	Current XRef	Inventor
34	US 6691000 B2	Robot-arm telemanipulating system presenting auditory information	700/245	318/561; 318/568.11; 318/649; 340/407.1; 340/407.2; 340/680; 340/825.19; 434/112; 434/116	Nagai, Yasufumi et al.
35	US 6665557 B1	Spectroscopic and time-resolved optical methods and apparatus for imaging objects in turbid media	600/473	600/475	Alfano, Robert R. et al.
36	US 6628381 B1	Optical inspection method and apparatus utilizing a collection angle design	356/237.4		Komem, Amir et al.
37	US 6577700 B1	Neural network based multi-criteria optimization image reconstruction technique for imaging two- and three-phase flow systems using electrical capacitance tomography	378/4	324/686; 324/691; 378/901	Fan, Liang-Shih et al.
38	US 6549009 B1	Diagnostic simulator for MRI	324/309	324/307	Hertz, David et al.
39	US 6543870 B1	Image processing apparatus and printing apparatus	347/15	347/43; 358/534	Kakutani, Toshiaki
40	US 6519556 B1	Modeling method and simulation method	703/13	703/14; 703/15	Chikamichi, Shoichi
41	US 6483933 B1	Digital-to-film radiographic image conversion including a network	382/132		Shi, Shuanghe et al.
42	US 6483892 B1	Volumetric computed tomography (CT) fluoroscopy system for small animal studies	378/43	378/62; 378/9	Wang, Ying et al.
43	US 6477221 B1	System and method for fast parallel cone-beam reconstruction using one or more microprocessors	378/4	378/901	Ning, Ruola
44	US 6272200 B1	Fourier and spline-based reconstruction of helical CT images	378/15	378/901	Pan, Xiaochuan et al.
45	US 6270350 B1	Reconfigurable hardware interface for vehicle driving simulators using a field-programmable gate array	434/69	434/62; 434/71; 463/6; 703/8	Christopher, Charles A.
46	US 6210168 B1	Doppler ultrasound simulator	434/262	434/267	Aiger, Dror et al.
47	US 6205353 B1	Time-resolved optical backscattering tomographic image reconstruction in scattering turbid media	600/476		Alfano, R. R. et al.
48	US 6199032 B1	Presenting an output signal generated by a receiving device in a simulated communication system	703/21	342/359; 455/446; 703/22;	Anderson, Harry R.

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49	US 6172770 B1	Method of and apparatus for correcting halftone-dot image data, and method of correcting halftone-dot threshold data	358/3.06	358/3.26; 358/463	Inoue, Yoshiaki
50	US 6025717 A	Diagnostic simulator for MRI	324/310	324/307	Hertz, David et al.
51	US 6002914 A	Method and apparatus for simulating reverberation in a multipath sonar system	434/6	434/7	Weinberg, Henry
52	US 5995803 A	Method and apparatus for simulating a multipath sonar system	434/6	434/7	Weinberg, Henry
53	US 5987094 A	Computer-assisted method and apparatus for the detection of lung nodules	378/62	382/128; 382/132	Clarke, Laurence P. et al.
54	US 5983067 A	Method and apparatus for simulating cross-correlation coefficients in a multipath sonar system	434/6	434/7	Weinberg, Henry
55	US 5978647 A	Method and apparatus for simulating autocorrelation coefficients in a multipath sonar system	434/6	434/7	Weinberg, Henry
56	US 5978646 A	Method and apparatus for simulating a lofargram in a multipath sonar system	434/6	434/7	Weinberg, Henry
57	US 5969699 A	Stroke-to-stroke	345/10	345/16	Balram, Nikhil et al.
58	US 5960106 A	Sample inspection apparatus and sample inspection method	382/144	382/149	Tsuchiya, Hideo et al.
59	US 5913822 A	Optimization of parameters in nuclear medicine studies before the studies are concluded	600/436	128/920; 128/922; 250/370.08;	Treffert, Jon D.
60	US 5910112 A	.sup.23 NA and .sup.39 K imaging of the heart	600/410	324/318	Judd, Robert M. et al.
61	US 5832922 A	Diffusion Tomography system and method using direct reconstruction of scattered radiation	600/407	356/337; 356/432	Schotland, John Carl
62	US 5831673 A	Method and apparatus for storing and displaying images provided by a video signal that emulates the look of motion picture film	348/239	348/446	Przyborski, Glenn B. et al.
63	US 5827942 A	System and method for testing imaging performance of ultrasound scanners and other medical imagers	73/1.82		Madsen, Ernest L. et al.
64	US 5787888 A	Absorption tomography system and method using direct reconstruction of scattered radiation	600/407	356/317; 356/432	Schotland, John Carl
65	US 5758653 A	Simultaneous absorption and diffusion imaging system and method using direct reconstruction of scattered radiation	600/407	250/574; 356/340; 356/432	Schotland, John Carl
66	US 5747810 A	Simultaneous absorption and diffusion tomography system and method using direct reconstruction of scattered radiation	250/358.1	600/407; 600/428	Schotland, John Carl
67	US 5746211 A	Absorption imaging system and method using direct reconstruction of scattered radiation	600/407	250/574; 356/340	Leigh, John Scott et al.

	Document ID	Title	Current OR	Current XRef	Inventor
68	US 5680138 A	Synthetic aperture radar simulation	342/169	342/179 ; 342/25A ; 342/25;	Pritt, Mark D.
69	US 5664158 A	Video display engineering and optimization system	703/23	345/10	Larimer, James
70	US 5629624 A	Switched field magnetic resonance imaging	324/309	324/307	Carlson, Joseph W. et al.
71	US 5626146 A	Electrical impedance tomography	600/547		Barber, David C. et al.
72	US 5617490 A	Camera system with neural network compensator for measuring 3-D position	382/275	382/156	Kume, Masao et al.
73	US 5606432 A	Image reproducing system	358/527	358/501 ; 358/504	Ohtsuka, Shuichi et al.
74	US 5576548 A	Nuclear imaging enhancer	250/369	382/261	Clarke, Laurence P. et al.
75	US 5568384 A	Biomedical imaging and analysis	715/532	382/132	Robb, Richard A. et al.
76	US 5546472 A	Feature guided method and apparatus for obtaining an image of an object	382/131	382/155 ;	Levin, David N.
77	US 5475425 A	Apparatus and method for creating video outputs that emulate the look of motion picture film	348/239	348/446 ; 382/254	Przyborski, Glenn B. et al.
78	US 5440647 A	X-ray procedure for removing scattered radiation and enhancing signal-to-noise ratio (SNR)	382/132	382/254	Floyd, Jr., Carey E. et al.
79	US 5390258 A	Feature guided method and apparatus for obtaining an image of an object	382/131	382/155 ;	Levin, David N.
80	US 5218299 A	Method for correcting spectral and imaging data and for using such corrected data in magnet shimming	324/307		Dunkel, Reinhard
81	US 5194008 A	Subliminal image modulation projection and detection system and method	434/22	348/121 ; 348/28 ; 434/20;	Mohan, William L. et al.
82	US 5192208 A	Radar simulation for use with a visual simulator	434/2	342/169	Ferguson, Robert L. et al.
83	US 5187692 A	Acoustic transfer function simulating method and simulator using the same	367/135	367/901 ; 381/17 ; 381/63 ; 700/280 ;	Haneda, Yoichi et al.
84	US 5043930 A	Digital simulation model for forward looking infrared (FLIR) sensors	703/6		Lin, Tsan H.
85	US 5017141 A	Computing system	434/29	434/30 ; 434/350	Relf, Richard S. et al.
86	US 5001347 A	Focussing collimators for use in rotational camera transaxial SPECT in which the camera head is inclined with respect to the axis of rotation	250/363.1	250/505.1 ; 378/149	Hsieh, Jiang
87	US 4906940 A	Process and apparatus for the automatic detection and extraction of features in images and displays	382/100	382/190 ; 382/215	Greene, Robert R. et al.

	Document ID	Title	Current OR	Current XRef	Inventor
88	US 4875095 A	Noise-shaping predictive coding system	375/240.12	375/254	Matsumoto, Shuichi et al.
89	US 4680014 A	Welder's trainer	434/234		Paton, Boris E. et al.
90	US 4552533 A	Guided missile fire control simulators	434/12	434/20	Walmsley, Dennis A.
91	JP 2001144959 A	IMAGE PROCESSING UNIT AND PRINTER			SUMIYA, SHIGEAKI
92	JP 10341343 A	IMAGE READER			OHASHI, MASAKAZU
93	WO 2099736 A1	BIOLOGICAL MODELING UTILIZING IMAGE DATA			LETT, GREGORY SCOTT et al.
94	EP 1103383 A2	Image processing apparatus and printing apparatus			KAKUTANI, TOSHIAKI
95	EP 660590 A2	Image reproducing system.			OHTSUKA, SHUICHI C O FUJI PHOTO et al.
96	KR 2003013950 A	Portable container crane simulator			CHO, S M
97	EP 660590 A	Colour image reproducing system for predicting appearance of finally generated image - includes output condition store element and noise simulation process setting element to modify processed image data			OHTSUKA, S et al.
98	TW 246695 A	Automatic classification of cotton yarn based on cotton yarn appearance - by storing images of standard yarn plates in computer			CHANG, J et al.
99	EP 602886 A	Selecting multi-bit components in composite operand for image processing - performing mask-related operation using composite operand contg. multi-bit data or logic operation performed in parallel using mask operand and composite			DAVIES, D
100	SU 985820 A	Radar trainer thunder storm front image simulator - has initial data unit with azimuthal image size setter output added to range adder output			GRIGOREV, S V et al.